

INDEX TO VOLUME XXV

Authors, Titles, and Subjects

Abnormal states of consciousness and muscle tone in infants born to schizophrenic mothers, by B. FISH and M. ALPERT (Abstract), 583

Abstracts of papers presented at the annual meeting of the American Psychosomatic Society, 488

Abstracts of Periodical Literature, 84-94, 195-196, 294-297, 390-393, 582-584

Academy of Psychoanalysis, meeting of, 132

ACKER, C. W., *see* WALTERS, R. H.

ACKERMAN, P. T., *see* DYKMAN, R. A.

ADAMSON, J. D., and SCHIMALE, A. H. JR. Object loss, giving up, and the onset of psychiatric illness (Abstract), 493

ADER, R., Plasma pepsinogen level as a predictor of susceptibility to gastric erosions in the rat, 221-232; (Abstract) 489

ADER, R., Plasma pepsinogen level in rat and man, 218-220

ADER, R., Social factors affecting emotionality and resistance to disease in animals: III. Early weaning and susceptibility to gastric ulcers in the rat. A control for nutritional factors (Abstract), 390

ADER, R., KREUTNER, A., and JACOBS, H. L., Social environment, emotionality, and alloxan diabetes in the rat, 60-68

Adrenalin and avoidance learning, by B. LATANE and S. SCHACHTER (Abstract), 295-296

Adrenocortical activity in relation to the severity of schizophrenia, by E. GELLER *et al.* (Abstract), 92

Adrenocorticotrophic hormone (ACTH) and avoidance conditioning, 296

Affective orientation and physiological activity (GSR) in small peer groups, by H. B. KAPLAN *et al.*, 245-252

Akinetic mutism simulating catatonic schizophrenia, by J. A. SOURS (Abstract), 393

ALDRICH, C. K., *see* BERGMAN, R.

ALEXANDER, L., Differential diagnosis between psychogenic and physical pain (Abstract), 294

Alloxan diabetes in the rat, environment, emotionality and, 60-68

ALPERT, M., *see* FISH, B.

AMASSIAN, V. E., *see* WEINER, H.

American Heart Association, *Circulation Research*, editors of, 30

American Psychiatric Association, Hofheimer Prize Award, 68

American Psychopathological Association, annual meeting of, 77

American Psychosomatic Society annual meeting (1963), 193-194 annual meeting (1964), 487 members, 574-581 in memoriam, Howard S. Liddell, 1-2 news, 82, 291, 384, 484-487, 567-581 American Society for the Study of Sterility, awards (1963), 18

ANDERSON, W. McC., and DAWSON, J., The clinical manifestations of depressive illness with abnormal acetyl methyl carbinol metabolism (Abstract), 196

Anemia, iron deficiency, 491

ANTEBI, R. N., and KING, J., Serum enzyme activity in chronic schizophrenia (Abstract), 196

Anxiety hypnotically induced, effect of hydrocortisone on, 158-161 maternal, and relation to obstetric complications, 357-363 plasma hydrocortisone level, and, 69-77 *See also* Depression

Appendectomy of children with nervous abdominal pain, by G. EKSTROM and I. NYLANDER (Abstract), 392

Argentine Psychoanalytic Association, meeting of, 180

ARTISS, K. L., *see* SACHAR, E. J.

ASHWORTH, N., CREEDY, S., HUNT, J. N., MAHON, S., and NEWLAND, P., Effect of nightly food supplements on food intake in man (Abstract), 297

Assessing differential autonomic patterns in emotions, by R. A. STERNBACH (Abstract), 391

Association, agnosia, and intellect, by D. BOWSHER (Abstract), 89

Asthma, mood and fantasy in, 460-483 Attitudes towards respiratory apparatus, by L. R. C. HAWARD (Abstract), 582

Auditory discrimination in the newborn infant, by E. L. LIPTON *et al.* (Abstract), 490

Autonomic dysfunction in psychoses, by L. S. RUBIN (Abstract), 294

Autonomic research, statistical treatment of law of initial values in, 556-566

Awakening, and dream recall, 174-180

Awareness and unconditional stimulus, 124-132

AZIMA, H., *see* LESTER, E. P.

BACON, C., *see* RENNEKER, R. E.

BAHNSEN, C. B., *see* KNAPP, P. H.

BALDRIDGE, J., WHITMAN, R. M., and KRAMER, M., A simplified method for detecting eye movements during dreaming, 78-82

BARBER, T. X., The effects of "hypnosis" on pain, 303-333

BAYLIN, G. J., *see* DEMARIA, W. J. A.

BAYLIN, S. B., *see* DEMARIA, W. J. A.

BENJAMIN, L. S., Statistical treatment of the law of initial values (LIV) in autonomic research: A review and recommendation, 556-566

BENNETT, E. L., *see* ROSENZWEIG, M. R.

BERGER, R., and OSWALD, I., Eye movements during active and passive dreams (Abstract), 297

BERGER, R. J., and OSWALD, I., Effects of deprivation on behaviour, subsequent sleep, and dreaming (Abstract), 390

BERGMAN, R., and ALDRICH, C. K., The natural

Pages 1-100, Jan.-Feb.; 101-200, Mar.-Apr.; 201-302, May-June; 303-402, July-Aug.; 403-504, Sept.-Oct.; 505-598, Nov.-Dec.

history of infantile eczema: A follow-up study (Abstract), 495

BERNSTEIN, N. R., and ROBEY, J. S., Detection and management of pediatric difficulties created by divorce (Abstract), 583

BLAU, A., SLAFF, B., EASTON, K., WELKOWITZ, J., and SPRINGARN, J., The psychogenic etiology of premature births, 201-211

BLOOM, S. W., *see* KAPLAN, H. B.

Body-image boundaries and histamine flate reaction, by W. A. CASSELL and S. FISHER, 344-350

BODGONOFF, M. D., *see* McGOUGH, W. E.

RONNAUD, M., *see* CHERTOK, L.

Book Reviews, 95-100, 197-200, 298-302, 394-402, 499-504, 585-588

ALEXANDER, F., The scope of psychoanalysis: Selected papers, rev. by F. Carter, 588

BALDWIN, J. A. *et al.*, Community mental health and social psychiatry. A reference guide, rev. by J. C. Nemiah, 97

BIEBER, I., *et al.*, Homosexuality—a psychoanalytic study of male homosexuals, rev. by G. H. Carter, 197-198

BLISS, E. L., and HARDIN BRANCH, C. H., Anorexia nervosa: Its history, psychology, and biology (A psychosomatic medicine monograph), rev. by J. C. Nemiah, 98

BRAZIER, M. A. B. (ed.), Brain and behavior (Vol. 1: Proceedings of First Conference 1961), rev. by E. R. Kandel, 95-96

BULL, N., The body and its mind—an introduction to attitude psychology, rev. by H. T. Blane, 301

BUXTON, C. L., A study of psychophysical methods for relief of childbirth pain, rev. by T. F. Dwyer, 298-300

BUYTENDIJK, F. J. J., Pain: Its modes and functions, rev. by F. Ervin, 401-402

CHAFETZ, M. E., and DEMONE, H. W., Jr., Alcoholism and society, rev. by R. Fox, 300

CURTIS, F., Die Colitis Ulcerosa und Ihre Konservative Behandlung, rev. by E. D. Wittkower, 501-502

DUNBAR, F., Your pre-teenager's mind and body and your teenager's mind and body, rev. by N. R. Bernstein, 199

ENGEL, G. L., Fainting—physiological and psychological considerations, rev. by J. R. Garratt and P. Solomon, 200

ENGEL, G. L., Psychological development in health and disease, rev. by H. Weiner, 394-396

FINNESON, B. E., Diagnosis and management of pain syndromes, rev. by T. P. Hackett, 400

FLIES, R., Ego and body ego (Psychoanalytic Series Vol. II), rev. by J. W. Higgins, 397

GARRE, W. J., Basic anxiety, rev. by G. H. Carter, 199-200

GRAY, R. M., and MOBERG, D. O., The church and the older person, rev. by M. A. Berzin, 302

GROUP FOR THE ADVANCEMENT OF PSYCHIATRY, The college experience: A focus for psychiatric research, rev. by M. R. Gardner, 402

HAMILTON, J. A., Postpartum psychiatric problems, rev. by T. F. Dwyer, 96-97

HARROWER, M., The practice of clinical psychology, rev. by E. K. Schwartz, 198

HENDERSON and GILLESPI, Revised by HENDERSON, Sir D. and BATCHELOR, I. R. C., Textbook of psychiatry for students and practitioners, rev. by S. Cobb, 587-588

HENDRICK, I. (ed.), The birth of an institute, rev. by J. C. Nemiah, 397-398

JENNER WILY, H., and STALLWORTHY, K. R., Mental abnormality and the law, rev. by S. Cobb, 503

KENT, C., Man's hidden resources, rev. by H. S. Olin, 400-401

KLINE, N. S., and LEHMANN, H., Handbook of psychiatric treatment in medical practice, rev. by R. W. Atkins, 585-586

KNOFFEL, H. K., Einfache Psychotherapie für den Hausarzt, rev. by E. Mueller, 98

KOCH, S. (ed.), Psychology: A study of science. Vol. 4: Biologically oriented fields: Their place in psychology and in biological science, rev. by J. C. Nemiah, 398

LINN, L., WEINROTH, L. A., and SHAMAH, R., Occupational therapy in dynamic psychiatry, rev. by J. C. Nemiah, 503-504

NODINE, J. H., and MOYER, J. H. (eds.), Psychosomatic medicine (the first Hahnemann symposium), rev. by R. A. Cleghorn, 502-503

OJEMANN, R. H. (ed.), Recent research looking toward preventive intervention (Proceedings of 3rd Institute on Preventive Psychiatry), rev. by H. M. Herzan, 300-301

PARKER, B., My language is me, rev. by I. Cohen, 399

PILLSBURY, D. M., SHELLEY, W. B., and KLIGMAN, A. M., A manual of cutaneous medicine, rev. by H. Barry, Jr., 501

RUBIN, V. (ed.), Culture, society, and health (Annals New York Academy of Sciences), rev. by S. H. King, 301-302

SARBIN, T. R. (ed.), Studies in behavior pathology, rev. by L. C. Clark, 586

SEMMES, J., WEINSTEIN, S., GHENT, L., and TEUBER, H.-L., Somatosensory changes after penetrating brain wounds in man, rev. by S. Cobb, 402

SHEER, D. E. (ed.), Electrical stimulation of the brain: An interdisciplinary survey of neurobehavioral integrative systems, rev. by S. Cobb, 586-587

SIMON, A., HERBERT, C. C., and STRAUS, R. (eds.), The physiology of emotions, rev. by J. W. Mason, 499-500

STEVENSON, G. S., and MILT, H., Master your tensions and enjoy living again, rev. by H. Barry, Jr., 100

THORNTON, E. M. (ed.), Planning and action for mental health, rev. by E. A. Mason, 396-397

WENAR, C., HANDLON, M. W., and GARNER, A. M., Origins of psychosomatic and emotional disturbances, rev. by N. R. Bernstein, 99-100

WITKIN, H. A. *et al.*, Psychological differentiation—Studies of development, rev. by J. F. Rosenblith, 398-399

WORLD FEDERATION FOR MENTAL HEALTH, Mental health in international perspective. A review made in 1961 by an international

and interprofessional study group, rev. by P. V. Lemkau, 502

WORLD FEDERATION FOR MENTAL HEALTH (Annual Meeting 1958), Uprooting and resettlement, rev. by G. S. Stevenson, 98-99

YACORZYNSKI, G. K. *et al.*, Investigation of carbon dioxide therapy, rev. by M. Rinkel, 198-199

BOWER, B. D., *see* PANTELAKIS, S. N.

BOWSHER, D., Association, agnosia, and intellect (Abstract), 89

BRADLEY, G., *see* RENNEKER, R. E.

BRADY, J. P., *see* LEVITT, E. E.

BREGER, E., Hydroxyzine hydrochloride and methylphenidate hydrochloride in the management of enuresis (Abstract), 94

BREGER, E., Maintenance of therapeutic effect in children with enuresis (Abstract), 393

BRILL, N. Q., *see* GELLER, E.

BRONSON, G., Critical periods in human development (Abstract), 195

BUNNEY, W. E., JR., MASON, J. W., and HAMBURG, D. A., Correlations between behavioral variables and urinary 17-hydroxycorticosteroids in depressed patients (Abstract), 488

BURCH, N. R.
See EDELBURG, R.
See KAPLAN, H. B.

BURGER, M., Oral rite in a hysterical kleptomaniac (Abstract), 584

CAIN, A. C., ERICKSON, M. E., FAST, I., and VAUGHAN, R. A., Children's disturbed reactions to their mother's miscarriage (Abstract), 491

CALDWELL, D. F., and WERBOFF, J., Classical conditioning in newborn rats (Abstract), 94

Cancer
breast, psychoanalysis in, 106-123
lung, personality in male patients, 391

CANTER, A., *see* IMBODEN, J. B.

Cardiovascular differentiation of sensory stimuli, by P. A. OBRIST, 450-459

Cardiovascular system
acute changes in circulation and electrocortical activity, 492-493
affect and blood pressure, 294
cardiac rate and sucking, 492
heart rate and psychological stress, 19-30
paroxysmal tachycardia with episodic unconsciousness, 90-91
psychological factors in coronary heart disease, 133-139
stimulus repetition and heart rate, 390

CARR, A. C., *see* SCHOENBERG, B.

CASSELL, W. A., and FISHER, S., Body-image boundaries and histamine flare reaction, 344-350

Cause of the odor of a schizophrenic patient, by H. S. POSNER *et al.* (Abstract), 195

CEKAN, P., *see* GREENBERG, N. H.

Cerebral autonomic imbalance, by J. P. CRAWFORD (Abstract), 90

Cerebral dysfunction and behavior disorders in adolescents, by M. W. LAUFER (Abstract), 89

CHEN, E., *see* COBB, S.

CHERTOK, L., MONDAIN, M. L., and BONNAUD, M., Vomiting and the wish to have a child, 13-18

Childhood schizophrenia and mental retardation: Differential diagnosis before and after one year of psychotherapy, by F. F. SCHACHTER *et al.*, 92

Children's disturbed reactions to their mother's miscarriage, by A. C. CAIN *et al.* (Abstract), 491

Chlorpromazine in chronic schizophrenic women: rate of onset and rate of dissipation of drug effects, by M. L. CLARK *et al.*, 212-217

CHRISTAKOS, A. C., *see* McDONALD, R. L.

CHRISTENFELD, R., *see* COBB, S.

CLARK, M. L., RAY, T. S., and RAGLAND, R. E., Chlorpromazine in chronic schizophrenic women: Rate of onset and rate of dissipation of drug effects, 212-217

Classical conditioning in newborn rats, by D. F. CALDWELL and J. WERBOFF (Abstract), 94

Clinical manifestations of depressive illness with abnormal acetyl methyl carbinol metabolism, by W. McC. ANDERSON and J. DAWSON (Abstract), 196

CLUFF, L., *see* IMBODEN, J. B.

COBB, S., CHEN, E., and CHRISTENFELD, R., Psychological and social characteristics of persons with various psychosomatic diseases (Abstract), 496

CODDINGTON, R. D., BRUCH, H., and KELLER, J., Gastric peristalsis in normal, obese, and schizophrenic subjects (Abstract), 489

COHEN, S. I.
See DEMARIA, W. J. A.
See GRAHAM, L. A.

Contribution to the problem of the role of set in perceptual processes, by N. L. ELIVIA (Abstract), 391-392

Contributions to the study of the variations of symptomatology, by M. FAIN (Abstract), 583

Controlled psychologic study of Sydenham's chorea, by L. SACKS, A. R. FEINSTEIN, and A. TARANTA (Abstract), 582

Convulsions and television viewing, by S. N. PANTELAKIS *et al.* (Abstract), 295

Convulsive disorder in an emotionally disturbed child, 441-449

COPPEN, A., SHAW, D. M., and MANGONI, A., Total exchangeable sodium in depressive illness (Abstract), 295

Coronary heart disease, psychological factors in, 133-139

Correlations between behavioral variables and urinary 17-hydroxycorticosteroids in depressed patients, by W. E. BUNNEY, JR. *et al.* (Abstract), 488

CRAWFORD, J. P., Cerebral autonomic imbalance (Abstract), 90

CREEDY, S., *see* ASHWORTH, N.

Critical periods and the effects of early shock on later emotional behavior in the white rat, by B. W. LINDHOLM (Abstract), 390

Critical periods in human development, by G. BRONSON (Abstract), 195

Critique of the group therapy literature, by S. R. SLAVSON (Abstract), 92-93

CRUMPTON, E., *see* GELLER, E.

CULPAN, R., *see* POSNER, H. S.

CUTLER, M., *see* RENNEKER, R. E.

CUTLER, R., *see* RENNEKER, R. E.

DAMASER, E. C., SHOR, R. E., and ORNE, M. T., Physiological effects during hypnotically requested emotions, 334-343

DAVIES, B. M., *see* MARTIN, I.

DAWSON, J., *see* ANDERSON, W. McC.

Deconditioning and time-therapy, by G. DE M. RUDOLF (Abstract), 90

DEMARIA, W. J. A., SHIMAVONIAN, B. M., COHEN, S. I., KRUEGER, R. P., HAWKINS, D. M., BAYLIN, S. B., SANDERS, A. P., and BAYLIN, G. J., Renal conditioning, 538-542

DEMENT, W. C., *see* ROFFWARG, H. P.

Depression

- abnormal acetyl methyl carbinol metabolism and, 196
- 17-hydrocorticosteroids in, 488
- hypnosis and, 403-419
- secretion of gastric acid and, 403-419
- sleep thresholds in, 391
- total exchangeable sodium in, 295
- See also* Anxiety

Detection and management of pediatric difficulties created by divorce, by N. R. BERSTEIN and J. S. ROBEY (Abstract), 583

Developmental histories, reliability of, 505-509

Diabetes, alloxan, in rat, 60-68

DIAMOND, M. C., *see* ROSENZWEIG, M. R.

Differential diagnosis between psychogenic and physical pain, by L. ALEXANDER (Abstract), 294

Differentiation of two genetically distinct types of depression by response to anti-depressants, by C. M. B. PARE, J. REES, and M. J. SAINSBURY (Abstract), 584

DORMAN, D., *see* WEINER, S.

Dream imagery: relation to rapid eye movements of sleep, by H. P. ROFFWARG *et al.*, 174-180

Dream recall as a function of method of awakening, by A. SHAPIRO *et al.*, 174-180

Dreaming, 196

- effects of sleep deprivation on, 390
- eye movements and, 78-82, 294-295, 297

DRESSLER, S. H., *see* PALEY, A.

DREW, F. L., and SHAPIRO, A. P., Sociologic determinants in the use of supportive drugs (Abstract), 497

Duodenal ulcer in one of identical twins, by M. L. PILOT *et al.*, 285-291

DYKMAN, R. A., ACKERMAN, P. T., GALBRECHT, C. R., and REESE, W. G., Physiological reactivity to different stressors and methods of evaluation, 37-59

EASTON, K., *see* BLAU, A.

Eczema, infantile, 495

EDELBERG, R., and BURCH, N. R., Skin resistance and galvanic skin response (Abstract), 294

EDELBERG, R., *see* KAPLAN, H. B.

Effect of acute changes in the circulation on electrocortical activity in the cat, by H. WEINER and V. E. AMASSIAN (Abstract), 492-493

Effect of adrenocorticotrophic hormone (ACTH)

on avoidance conditioning in the adrenalectomized rat, by R. E. MILLER and N. OGAWA (Abstract), 296

Effect of expectation upon response to phenmetrazine in healthy subjects, by S. B. PENICK and L. E. HINKLE, JR. (Abstract), 496-497

Effect of hydrocortisone infusion on hypnotically induced anxiety, by E. E. LEVIT *et al.*, 158-161

Effects of "hypnosis" on pain, by T. X. BARBER, 303-333

Effects of nightly food supplements on food intake in man, by N. ASHWORTH *et al.* (Abstract), 297

Effect of psychic-sexual stimulation on urinary and serum acid phosphatase and plasma nonesterified fatty acids, by J. E. GUSTAFSON *et al.*, 101-105

Effect on anxiety of increasing the plasma hydrocortisone level, by S. WEINER *et al.*, 69-77

Effects of environmental complexity and training on brain chemistry and anatomy: A replication and extension, by M. R. ROSENZWEIG *et al.* (Abstract), 297

Effects of reserpine on the psychogenic production of gastric ulcers in rats, by A. L. HARTRY (Abstract), 296

Effects of sleep deprivation on behaviour, subsequent sleep, and dreaming, by R. J. BERGER and I. OSWALD (Abstract), 390

EIDUSON, S., *see* GELLER, E.

ESTROM, G., and NYLANDER, I., Appendectomy of children with nervous abdominal pain (Abstract), 392

ELIVIA, N. L., A contribution to the problem of the role of set in perceptual processes (Abstract), 391-392

ELY, N. E., VERHEY, J. W., and HOLMES, T. H., Experimental studies of skin inflammation, 264-284

Emotional field, by P. H. KNAPP and C. B. BAHNSEN, 460-483

Emotional stress, *see* Stress, psychological

Emotionality, alloxan diabetes in the rat, environment and, 60-68

Emotionally disturbed child with a convulsive disorder, by J. P. KEMPH *et al.*, 441-449

Emotions, differential autonomic patterns in, 391

Enhancement of punitive behavior by audiovisual displays, by R. H. WALTERS *et al.* (Abstract), 91

Enuresis, 94, 393

Epinephrine metabolism in normal and psychotic man, by O. RESNICK and H. FREEMAN (Abstract), 92

ERICKSON, M. E., *see* CAIN, A. C.

Experimental studies of skin inflammation, by N. E. ELY, *et al.*, 264-284

Eye movements during active and passive dreams, by R. BERGER and I. OSWALD (Abstract), 297

EYSENCK, H. J., *see* KISSEN, D. M.

FAIN, M., Contributions to the study of the variations of symptomatology (Abstract), 583

Familial sex-linked mental retardation, by H. RENPENNING *et al.* (Abstract), 295

FAST, I., *see* CAIN, A. C.

Fatigue, rest, and exercise, by T. OWEN (Abstract), 393

FEINSTEIN, A. R., *see* SACKS, L.

FERREIRA, A. J., and WINTER, W. D., The palmar sweat print: A methodological study, 377-384

FINCH, S. M., and HESS, J. H., Ulcerative colitis in children (Abstract), 90

FINEGAN, R., and STUNKARD, A., Physical activity and weight change in preadolescent girls (Abstract), 490-491

FISCHER, J., Retrospective case history analysis of the first year of life in children with psychogenic vomiting (Abstract), 392-393

FISH, B., and ALPERT, M., Abnormal states of consciousness and muscle tone in infants born to schizophrenic mothers (Abstract), 583

FISHER, C., *see* ROFFWARG, H. P.

FISHER, J. N., *see* ROFFWARG, H. P.

FISHER, S., *see* CASSELL, W. A.

FITZGERALD, J. A., *see* LEVITT, E. E.

Five Boxes, by J. D. SPILLANE (Abstract), 584

FREEMAN, H., *see* RESNICK, O.

FRIEDMAN, S. B., MASON, J. W., and HAMBURG, D. A., Urinary 17-hydroxycorticosteroid levels in parents of children with neoplastic disease, 364-376

FRIEDMAN, S. B., *see* WOLFF, C. T.

GALBRECHT, C. R., *see* DYKMAN, R. A.

GARDNER, L. I., *see* PATION, R. G.

GARMA, A., Unconscious images in the genesis of peptic ulcer (Les images inconscientes dans la genèse de l'ulcère peptique) (Abstract), 91

Gastric erosions in rat, susceptibility to, 221-232, 489

Gastric perceptivity in normal, obese, and schizophrenic subjects, by R. D. CODDINGTON *et al.* (Abstract), 489

Gastric secretion during a medical interview, by M. C. GOLDMAN, 351-356

Gastric ulcers, *see* Ulcers, gastric

Gastrointestinal disorders, thematic content associated with, 162-173

GEller, E., BRILL, N. Q., CRUMPTON, E., EIDUNSON, S., LISTON, E., and MIZRAHI, L., Adrenocortical activity in relation to the severity of schizophrenia (Abstract), 92

GERRARD, J. W., *see* RENPENNING, H.

GODDARD, K. E., *see* KRON, R. E.

GOLDEN, J. S., *see* WAHL, C. W.

GOLDMAN, M. C., Gastric secretion during a medical interview, 351-356

GOODENOUGH, D. R., *see* SHAPIRO, A.

GRAFF, H., and STELLAR, E., Hyperphagia, obesity, and finickiness (Abstract), 296-297

GRAHAM, L. A., COHEN, S. I., SHIMAVONIAN, B., and KIRSHNER, N., Sympathetic-adrenal correlates of avoidance and escape behavior in human conditioning studies (Abstract), 488-489

GREENBERG, N. H., CEKAN, P., and LOESCH, J. G., Some cardiac rate and behavioral characteristics of sucking in the neonate (Abstract), 492

GREENBERG, N. H., *see* LOESCH, J. G.

GRINKER, R. R., *see* OKEN, D.

Group interaction, physiological and behavioral approach in study of, 146-157

Group psychotherapy

- literature of, 92-93
- social interaction and GSR activity during, 140-145

GRYLER, R. B., *see* SHAPIRO, A.

GSR

- and orientation among peers, 245-252
- and social action during group psychotherapy, 140-145

GUSTAFSON, J. E., WINOKUR, G., and REICHLIN, S., Effect of psychic-sexual stimulation on urinary and serum acid phosphatase and plasma nonesterified fatty acids, 101-105

GWINUP, G., and HAMWI, G. J., Is hyperthyroidism a self-limiting disease? (Abstract), 297

GYNTHER, M. D., *see* McDONALD, R. L.

HAMBURG, D. A., *see* BUNNEY, W. E., JR.

HAMBURG, D. A., *see* FRIEDMAN, S. B.

HAMILTON, C. L., *see* WIELAND, W. F.

HAMWI, G. J., *see* GWINUP, G.

HARDYCK, C., SINGER, M. T., and HARRIS, R. E., Transient changes in affect and blood pressure (Abstract), 294

HARE, E. H., Masturbatory insanity: The history of an idea (Abstract), 195-196

HARRIS, R. E., *see* HARDYCK, C.

HARRY, A. L., The effects of reserpine on the psychogenic production of gastric ulcers in rats (Abstract), 296

HAWARD, L. R. C., Attitudes towards respiratory apparatus (Abstract), 582

HAWKINS, D. M., *see* DEMARIA, W. J. A.

Heart, *see* Cardiovascular system

Heart rate and skin conductance as indicators of psychological stress, 19-30

HEATH, H. A., *see* OKEN, D.

HERZ, M., *see* OKEN, D.

HESS, J. H., *see* FINCH, S. M.

HINKLE, L. E., JR., *see* PENICK, S. B.

Histamine flare reaction and body-image boundaries, 344-350

HNATOW, M., *see* LANG, P. J.

HOFER, M. A., *see* WOLFF, C. T.

HOLMES, T. H.

- See* ELY, N. E.
- See* RAHE, R. H.

HORA, J., *see* RENNEKER, R. E.

HORAN, M., and VENABLE, A. W., Paroxysmal tachycardia with episodic unconsciousness (Abstract), 90-91

HUNT, J. N., *see* ASHWORTH, N.

17-Hydroxycorticosteroids

- in brain-operated monkey, 489-490
- in depression, 488
- in parents of children with neoplastic disease, 364-376

Hydrocortisone

- and the plasma level of, 69-77
- hypnotically induced anxiety and, 158-161
- introduction and removal from plasma of, 195

Hydroxyzine hydrochloride and methylphenidate hydrochloride in the management of enuresis, by E. BREGER (Abstract), 94

Hyperphagia, obesity, and finickiness, by H. GRAFF and E. STELLAR (Abstract), 296-297

Pages 1-100, Jan.-Feb.; 101-200, Mar.-Apr.; 201-302, May-June; 303-402, July-Aug.; 403-504, Sept.-Oct.; 505-598, Nov.-Dec.

Hyperthyroidism, 297
Hypnosis
 pain and, 303-333
 physiological effects during hypnotically requested emotions, 334-343
 production of blisters and, 233-244
 in study of depressive responses, 403-419
 Society for Clinical and Experimental, 15th annual meeting of, 363
Identical twins and duodenal ulcer, 285-291
IMBODEN, J. B., CANTER, A., and CLUFF, L., Separation experiences and health records in a group of normal adults, 433-440
Individual differences in human myograms, by A. Y. KOLODNAYA (Abstract), 392
Infant pacification, LIV and, 4-10
Influence of family environment on growth: The syndrome of "maternal deprivation," by R. G. PATTON and L. I. GARDNER (Abstract), 584
Intensity of the unconditional stimulus as a factor in conditioning out of awareness, by W. F. WIELAND *et al.*, 124-132
Introduction and removal of hydrocortisone from plasma, by H. PERSKY (Abstract), 195
Investigation of a psychosocial hypothesis in appendectomies, by E. MEYER *et al.* (Abstract), 494-495
Investigation of criteria for brief psychotherapy of neurodermatitis, by B. SCHOENBERG and A. C. CARR, 253-263
IRONSIDE, W., *see* KEHOE, M.
Is hyperthyroidism a self-limiting disease?, by G. GWINUP and G. J. HAMWI (Abstract), 297
JACOBS, H. L., *see* ADER, R.
JONES, H. D., *see* PANTELAKIS, S. N.
KALOGRAKIS, M. G., The role of olfaction in sexual development, 420-432
KALZ, F., *see* LESTER, E. P.
KAPLAN, H. B., Social interaction and GSR activity during group psychotherapy, 140-145
KAPLAN, H. B., BURCH, N. R., BLOOM, S. W., and EDELBURG, R., Affective orientation and physiological activity (GSR) in small peer groups, 245-252
KAPLAN, S. M., *see* PARENTS, H.
KEARNEY, J., *see* RENNEKER, R. E.
KEHOE, M., and IRONSIDE, W., Studies on the experimental evocation of depressive responses using hypnosis, 403-419
KEMPH, J. P., ZEGANS, L. S., KOOI, K. A., and WAGGONER, R. W., The emotionally disturbed child with a convulsive disorder, 441-449
KING, J., *see* ANTEBI, R. N.
KIRSCHNER, N., *see* GRAHAM, L. A.
KISSEN, D. M., and EYSENCK, H. J., Personality in male lung cancer patients (Abstract), 391
KJAER, G., *see* RAHE, R. H.
KLING, A., Plasma 17-hydroxycorticosteroid in relation to reward and punishment in the brain-operated monkey (Abstract), 489-490
KNAPP, P. H., and BAHNSON, C. B., The emotional field, 460-483
KNOX, S. J., Severe psychiatric disturbances in the post-operative period—a five-year survey of Belfast hospitals (Abstract), 89
KOLMER, H. S., JR., *see* SACHAR, E. J.
KOLODNAYA, A. Y., Individual differences in human myograms (Abstract), 392
KOOI, K. A., *see* KEMPH, J. P.
KORCHIN, S. J., *see* OKEN, D.
KRAMER, M., *see* BALDRIDGE, J.
KRECH, D., *see* ROSENZWEIG, M. R.
KREUTNER, A., *see* ADER, R.
KRON, R. E., STEIN, M., and GODDARD, K. E., A method of measuring sucking behavior of newborn infants, 181-191
KRUEGER, R. P., *see* DEMARIA, W. J. A.
LA DOU, J., *see* MENDELSON, J. H.
LANG, P. J., and HNATOW, M., Stimulus repetition and the heart-rate response (Abstract), 390
LATANE, B., and SCHACHTER, S., Adrenalin and avoidance learning (Abstract), 295-296
LAUFER, M. W., Cerebral dysfunction and behavior disorders in adolescents (Abstract), 89
Law of initial values: Some further considerations, by D. OKEN and H. A. HEATH, 3-12
LAZARUS, R. S., SPEISMAN, J. C., and MORDKOFF, A. M., The relationship between autonomic indicators of psychological stress: Heart rate and skin conductance, 19-30
LEE, S. G., *see* POSER, E. G.
LEIDERMAN, P. H., and SHAPIRO, D., A physiological and behavioral approach to the study of group interaction, 146-157
LESTER, E. P., WITTKOWER, E. D., KALZ, F., and AZIMA, H., Phrenotropic drugs in psychosomatic disorders (skin) (Abstract), 93
Level of arousal and the subclassification of schizophrenia, by P. H. VENABLES and J. K. WING (Abstract), 195
LEVI, L., New stress tolerance test with simultaneous study of physiological and psychological variables: A preliminary study (Abstract), 392
LEVITT, E. E., PERSKY, H., BRADY, J. P., and FITZGERALD, J. A., The effect of hydrocortisone infusion on hypnotically induced anxiety, 158-161
LEVITT, E. E., *see* WEINER, S.
LINDHOLM, B. W., Critical periods and the effects of early shock on later emotional behavior in the white rat (Abstract), 390
LIPTON, E. L., STEINSCHNEIDER, A., and RICHMOND, J. B., Auditory discrimination in the newborn infant (Abstract), 490
LISTON, E., *see* GELLER, E.
LIV (law of initial values), 3-12, 556-566
LLEWELLYN, T. E., *see* WALTERS, R. H.
LOESCH, J. G., and GREENBERG, N. H., Some specific areas of conflicts observed during pregnancy: A comparative study of married and unmarried pregnant women (Abstract), 93
LOESCH, J. G., *see* GREENBERG, N. H.
LOOMIS, E. A., JR., *see* SCHACHTER, F. F.
MAHON, S., *see* ASHWORTH, N.
Maintenance of therapeutic effect in children with enuresis, by E. BREGER (Abstract), 393
MANDELL, A. J., MARKHAM, C. H., TALLMAN, F. F., and MANDELL, M. P., Motivation and ability to move (Abstract), 583

MANDELL, M. P., *see* MANDELL, A. J.

MANGONE, A., *see* COPPEN, A.

MARGOLIS, J. A., and SOBEL, R., Repetitive poisoning in children: The milieu (Abstract), 491-492

MARTIN, I., and DAVIES, B. M., Sleep thresholds in depression (Abstract), 391

MASON, J. W.

See BUNNEY, W. E., JR.

See FRIEDMAN, S. B.

See SACHAR, E. J.

See WOLFF, C. T.

Masturbatory insanity: The history of an idea, by E. H. HARE (Abstract), 195-196

MC CONVILLE, B. J., *see* PARENTS, H.

Mc DONALD, R. L., GYNTHER, M. D., and CHRIS- TAKOS, A. C., Relations between maternal anxiety and obstetric complications, 357-363

Mc GOUGH, W. E., SILVERMAN, A. J., and BOGDONOFF, M. D., Patterns of fat mobilization in field-dependent and field-independent subjects (Abstract), 497-498

Mc KEE, J. P., *see* HONZIK, M. P.

MENDELSON, J. H., LA DOU, J., and SOLOMON, P., Psychophysiological findings in experimentally induced intoxication and withdrawal in alcoholic subjects (Abstract), 496

Method of measuring sucking behavior of newborn infants, by R. E. KRON *et al.*, 181-191

MEYER, E., UNGER, H. T., and SLAUGHTER, R., Investigation of a psychosocial hypothesis in appendectomies (Abstract), 494-495

MEYER, L. R., *see* SCHACHTER, F. F.

MEYER, M., *see* RAHE, R. H.

MILLER, R. E., and OGAWA, N., The effect of adrenocorticotropic hormone (ACTH) on avoidance conditioning in the adrenalectomized rat (Abstract), 296

MING, S., SINCLAIR, G., and TAFT, R., Some psychological factors in coronary heart disease, 133-139

MIZRAHI, L., *see* GELLER, E.

Mode of the dream, by C. D. PEGGE (Abstract), 196

MONDAZIN, M. L., *see* CHERTOK, L.

Mood and fantasy in 2 asthmatic patients, a sequential study of, 460-483

MOORE, M. E., STUNKARD, A., and SROLE, L., Obesity, social class, and mental illness (Abstract), 294

MORDKOFF, A. M., *see* LAZARUS, R. S.

Motivation and ability to move, by A. J. MANDELL, C. H. MARKHAM, F. F. TALLMAN, and M. P. MANDELL (Abstract), 583

NACMAN, M., *see* PALEY, A.

National Institute of Mental Health research career program of, 504

small grant program of, 211

Natural history of infantile eczema: A follow-up study, by R. BERGMAN and C. K. ALDRICH (Abstract), 495

Neurodermatitis, psychotherapy of, 253-263

New stress tolerance test with simultaneous study of physiological and psychological variables: A preliminary study, by L. LEVI (Abstract), 392

Newborn infants, measuring of sucking behavior of, 181-191

NEWLAND, P., *see* ASHWORTH, N.

NORTON, J., *see* WEINER, S.

NYLANDER, I., *see* EKSTROM, G.

Obesity, social class, and mental illness, by M. E. MOORE *et al.* (Abstract), 294

Object loss, giving up, and the onset of psychiatric illness, by J. D. ADAMSON and A. H. SCHMALE, JR., (Abstract), 493

OBRIST, P. A., Cardiovascular differentiation of sensory stimuli, 450-459

Obstetric complications, relations between maternal anxiety and, 357-363

OGAWA, N., *see* MILLER, R. E.

OKEN, D., GRINKER, R. R., HEATH, H. A., HERZ, M., KORCHIN, S. J., SABSHIN, M., and SCHWARTZ, N. B., Relation of physiological response to affect expression (Abstract), 91

OKEN, D., and HEATH, H. A., The law of initial values: Some further considerations, 3-12

Olfaction and sexual development, 420-432

Omnipotence, denial, and psychosomatic medicine, by R. SEIDENBERG, 31-36

Oral rite in a hysterical kleptomaniac, by M. BURGER (Abstract), 584

ORNE, M. T., *see* DAMASER, E. C.

O'SULLIVAN, M. A., and PRYLES, C. V., Reading disability in children (Abstract), 91

OSWALD, I., *see* BERGER, R. J.

OWEN, T., Fatigue, rest, and exercise (Abstract), 393

Pain

 hypnosis and effects on, 303-333

 psychogenic vs. physical, 294

PALEY, A., NACMAN, M., and DRESSLER, S. H., Personality and tuberculosis: A re-examination (Abstract), 90

Palmar sweat print: A methodological study, by A. J. FERREIRA and W. D. WINTER, 377-384

PANTELAKIS, S. N., BOWER, B. D., and JONES, H. D., Convulsions and television viewing (Abstract), 295

PARE, C. M. B., REES, J., and SAINSBURY, M. J., Differentiation of two genetically distinct types of depression by response to antidepressants (Abstract), 584

PARENTS, H., MC CONVILLE, B. J., and KAPLAN, S. M., The prediction of frequency of illness from the response to separation: A preliminary study (Abstract), 493-494

Parental handling in two strains of mice reared by foster parents, by R. H. RESSLER (Abstract), 94

Paroxysmal tachycardia with episodic unconsciousness, by M. HORAN and A. W. VENABLE (Abstract), 90-91

PARTINGTON, M. W., Variations in intelligence in phenylketonuria (Abstract), 295

Patterns of fat mobilization in field-dependent and field-independent subjects, by W. E. Mc GOUGH *et al.* (Abstract), 497-498

PATTON, R. G., and GARDNER, L. L., Influence of

family environment on growth: The syndrome of "maternal deprivation" (Abstract), 584

PAUL, G. L., The production of blisters by hypnotic suggestion: Another look, 233-244

Peer groups, affective orientation and physiological activity (GSR) in, 245-252

PEGGE, C. D., The mode of the dream (Abstract), 196

PENICK, S. B., and HINKLE, L. E., JR., The effect of expectation upon response to phenmetrazine in healthy subjects (Abstract), 496-497

PERSKY, H., Introduction and removal of hydrocortisone from plasma (Abstract), 195

See LEVITT, E. E.

See WEINER, S.

Personality and tuberculosis: A re-examination, by A. PALEY *et al.* (Abstract), 90

Personality in male lung cancer patients, by D. M. KISSEN and H. J. EYSENCK (Abstract), 391

Phenmetrazine, 496-497

Phrenotropic drugs in psychosomatic disorders (skin), by E. P. LESTER *et al.* (Abstract), 93

Physical activity and weight change in preadolescent girls, by R. FINEGAN and A. STUNKARD (Abstract), 490-491

Physiological and behavioral approach to the study of group interaction, by P. H. LEIDERMAN and D. SHAPIRO, 146-157

Physiological effects during hypnotically requested emotions, by E. C. DAMASER *et al.*, 334-343

Physiological reactivity to different stressors and methods of evaluation, by R. A. DYKMAN *et al.*, 37-59

PILOT, M. L., RUBIN, J., SCHAFER, R., and SPIRO, H. M., Duodenal ulcer in one of identical twins, 285-291

Plasma 17-hydroxycorticosteroid in relation to reward and punishment in the brain-operated monkey, by A. KLING (Abstract), 489-490

Plasma pepsinogen level as a predictor of susceptibility to gastric erosions in the rat, by R. ADER, 221-232; (Abstract), 489

Plasma pepsinogen level in rat and man, by R. ADER, 218-220

PLESCH, E., Reddening and paranoid experience: Some psychological and biological implications (Abstract), 92

POSER, E. G., and LEE, S. G., Thematic content associated with two gastrointestinal disorders, 162-173

POSNER, H. S., CULPAN, R., and STEWART, A., Cause of the odor of a schizophrenic patient (Abstract), 195

Prediction of frequency of illness from the response to separation: A preliminary study, by H. PARENTS *et al.* (Abstract), 493-494

Pregnancy

- anxiety and obstetric complications, 357-363
- children's disturbed reactions to miscarriage, 491
- in married vs. unmarried women, 93
- vomiting and, 13-18

Premature births, psychogenic etiology of, 201-211

Preventive Psychiatry, Fourth Institute on, meeting of, 139

Production of blisters by hypnotic suggestion: another look, by PAUL, G. L., 233-244

PRYLES, C. V., see O'SULLIVAN, M. A.

Psychiatric illness, onset of, 493

Psychic-sexual stimulation, physiological chemical reactions to, 101-105

Psychoanalytical explorations of emotional correlates of cancer of the breast, by R. E. RENNEKER, *et al.*, 106-123

Psychoendocrine aspects of acute schizophrenic reactions, by E. J. SACHAR *et al.*, 510-537

Psychogenic etiology of premature births, by A. BLAU *et al.*, 201-211

Psychogenic urinary retention, by C. W. WAHL and J. S. GOLDEN, 543-555

Psychological and social characteristics of persons with various psychosomatic diseases, by S. COBB *et al.* (Abstract), 496

Psychological factors in coronary heart disease, 133-139

Psychological stress, chronic, 364-376

Psychophysiological findings in experimentally induced intoxication and withdrawal in alcoholic subjects, by J. H. MENDELSON *et al.* (Abstract), 496

Psychoses

- autonomic dysfunction in, 294
- epinephrine metabolism in, 92
- post-operative, 89
- reddening and paranoid experience, 92

See also Schizophrenia

Psycho-social correlates of iron deficiency anemia in early childhood, by S. L. WERKMAN *et al.* (Abstract), 491

Psychosomatic medicine, omnipotence, denial and, 31-36

RAGLAND, R. E., see CLARK, M. L.

RAHE, R. H., MEYER, M., SMITH, M., KJAER, G., and HOLMES, T. H., Social stress and illness onset (Abstract), 494

RAY, T. S., see CLARK, M. L.

Reading disability in children, by M. A. O'SULLIVAN and C. V. PRYLES (Abstract), 91

Reddening and paranoid experience: Some psychological and biological implications, by E. PLESCH (Abstract), 92

REES, J., see PARE, C. M. B.

REESE, W. G., see DYKMAN, R. A.

REICHLIN, S., see GUSTAFSON, J. E.

Relation of physiological response to affect expression, by D. OKEN *et al.* (Abstract), 91

Relations between maternal anxiety and obstetric complications, by R. L. McDONALD *et al.*, 357-363.

Relationship between autonomic indicators of psychological stress: Heart rate and skin conductance, by R. S. LAZARUS *et al.*, 19-30

Relationship between ego defenses and the adrenal response to the prolonged threat of loss: A predictive study, by C. T. WOLFF *et al.* (Abstract), 497

Reliability of developmental histories: Summary and evaluation of evidence, by C. WENAR, 505-509; (Abstract), 495

Renal conditioning, by W. J. A. DEMARIA *et al.*, 538-542

RENNEKER, R. E., CUTLER, R., HORA, J., BACON, C., BRADLEY, G., KEARNEY, J., and CUTLER, M., Psychoanalytical explorations of emotional correlates of cancer of the breast, 106-129

RENPPENING, H., GERRARD, J. W., ZALESKI, W. A., and TABATA, T., Familial sex-linked mental retardation (Abstract), 295

Repetitive poisoning in children: The milieu, by J. A. MARGOLIS and R. SOBEL (Abstract), 491-492

RESNICK, O., and FREEMAN, H., Epinephrine metabolism in normal and psychotic man (Abstract), 92

RESSLER, R. H., Parental handling in two strains of mice reared by foster parents (Abstract), 94

Retrospective case history analysis of the first year of life in children with psychogenic vomiting, by J. FISCHER (Abstract), 392-393

RICHMOND, J. B. Toward a developmental psychosomatic medicine, 567-573

RICHMOND, J. B., *see* LIPTON, E. L.

ROBEY, J. S., *see* BERNSTEIN, N. R.

ROFFWARG, H. P., DEMENT, W. C., FISHER, J. N., and FISHER, C., Dream imagery; Relationship to rapid eye movements of sleep (Abstract), 294-295

Role of olfaction in sexual development, by M. G. KALOGERAKIS, 420-432

ROSENZWEIG, M. R., KRECH, D., BENNETT, E. L., and DIAMOND, M. C. Effects of environmental complexity and training on brain chemistry and anatomy: A replication and extension (Abstract), 297

RUBIN, J., *see* PILOT, M. L.

RUBIN, L. S., Autonomic dysfunction in psychoses (Abstract), 294

RUDOLF, G. DE M., Deconditioning and time-therapy (Abstract), 90

SABSHIN, M., *see* OKEN, D.

SACHAR, E. J., MASON, J. W., KOLMER, H. S., JR., and ARTISS, K. L., Psychoendocrine aspects of acute schizophrenic reactions, 510-537

SACKS, L., FEINSTEIN, A. R., and TARANTA, A., Controlled psychologic study of Sydenham's chorea (Abstract), 582

SAINSBURY, M. J., *see* PARE, C. M. B.

SANDERS, A. P., *see* DEMARIA, W. J. A.

SCHACHTER, F. F., MEYER, L. R., and LOOMIS, E. A., JR., Childhood schizophrenia and mental retardation: Differential diagnosis before and after one year of psychotherapy (Abstract), 92

SCHACHTER, S., *see* LATANE, B.

SCHAFFER, R., *see* PILOT, M. L.

Schizophrenia

- adrenocortical activity and severity of, 92
- a catatonic, simulated by akinetic mutism, 393
- childhood, and mental retardation, 92
- chlorpromazine in, 212-217
- gastric perceptivity in, 489
- level of arousal in, 195
- odor in, 195
- psychoendocrine aspects of, 510-537
- serum enzyme activity in, 196

SCHMID, A. H., JR., *see* ADAMSON, J. D.

SCHOENBERG, B., and CARR, A. C., An investigation of criteria for brief psychotherapy of neurodermatitis, 253-263

SCHWARTZ, N. B., *see* OKEN, D.

SEIDENBERG, R., Omnipotence, denial, and psychosomatic medicine, 31-36

Sensory stimuli and cardiovascular differentiation, 450-459

Separation experiences and health records in a group of normal adults, by J. B. IMBODEN *et al.*, 433-440

Serum enzyme activity in chronic schizophrenia, by R. N. ANTEBI and J. KING (Abstract), 196

Sex difference in thumb-sucking, by M. P. HONZIK and J. P. MCKEE (Abstract), 582

Severe psychiatric disturbances in the post-operative period—a five-year survey of Belfast hospitals, by S. J. KNOX (Abstract), 89

Sexual development and the role of olfaction, 420-432

SHAPIRO, A., GOODENOUGH, D. R., and GRYLER, R. B., Dream recall as a function of method of awakening, 174-180

SHAPIRO, A. P., *see* DREW, F. L.

SHAPIRO, D., *see* LEIDERMANN, P. H.

SHAW, D. M., *see* COPPEN, A.

SHIFMAN, L., *see* WERKMAN, S. L.

SHIMAVONIAN, B. M.

- See* DEMARIA, W. J. A.
- See* GRAHAM, L. A.

SHOR, R. E., *see* DAMASER, E. C.

SILVERMAN, A. J., *see* MCGOUGH, W. E.

Simplified method for detecting eye movements during dreaming, by J. BALDRIDGE *et al.*, 78-82

SINCLAIR, G., *see* MINC, S.

SINGER, M. T., *see* HARDYCK, C.

SKELLY, T., *see* WERKMAN, S. L.

Skin conductance and heart rate as indicators of psychological stress, 19-30

Skin inflammation, experimental studies of, 264-284

Skin resistance and galvanic skin response, by R. EDELBURG and N. R. BURCH (Abstract), 294

SLAFF, B., *see* BLAU, A.

SLAUGHTER, R., *see* MEYER, E.

SLAVSON, S. R., A Critique of the group therapy literature (Abstract), 92-93

Sleep thresholds in depression, by I. MARTIN and B. M. DAVIES (Abstract), 391

SMITH, M., *see* RAHE, R. H.

SOBEL, R., *see* MARGOLIS, J. A.

Social environment, emotionality, and alloxan diabetes in the rat, by R. ADER, *et al.*, 60-68

Social factors affecting emotionality and resistance to disease in animals: III. Early weaning and susceptibility to gastric ulcers in the rat. A control for nutritional factors, by R. ADER (Abstract), 390

Social interaction and GSR activity during group psychotherapy, by H. B. KAPLAN, 140-145

Social stress and illness onset, by R. H. RAHE *et al.* (Abstract), 494

Sociologic determinants in the use of support-

ive drugs, by F. L. DREW and A. P. SHAPIRO (Abstract), 497

SOLOMON, P., *see* MENDELSON, J. H.

Some cardiac rate and behavioral characteristics of sucking in the neonate, by N. H. GREENBERG *et al.* (Abstract), 492

Some psychological factors in coronary heart disease, by S. MINC *et al.*, 133-139

Some specific areas of conflicts observed during pregnancy: A comparative study of married and unmarried women, by J. G. LOESCH and N. H. GREENBERG (Abstract), 93

SOURS, J. A. Akinetic mutism simulating catatonic schizophrenia (Abstract), 393

SPEISMAN, J. C., *see* LAZARUS, R. S.

SPILLANE, J. D. Five boxes (Abstract), 584

SPIRO, H. M., *see* PILOT, M. L.

SPRINGARN, J., *see* BLAU, A.

SROLE, L., *see* MOORE, M. E.

STACH, T. W., *see* WEINER, S.

Statistical treatment of the law of initial values (LIV) in autonomic research: A review and recommendation, by L. S. BENJAMIN, 556-566

STEIN, M.

See KRON, R. E.

See WIELAND, W. F.

STEINSCHNEIDER, A., *see* LIPTON, E. L.

STELLAK, E., *see* GRAFF, H.

STERNBACH, R. A. Assessing differential autonomic patterns in emotions (Abstract), 391

STEWART, A., *see* POSNER, H. S.

Stimulus repetition and the heart-rate response, by P. J. LANG and M. HNATOW (Abstract), 390

Stress, psychological

- autonomic indicators and, 19-30
- heart rate and skin conductance as indicators of, 19-30
- LIV, physiological data and, 10-11
- physiological reactivity to, 37-59

Studies on the experimental evocation of depressive responses using hypnosis, by M. KEHOE and W. IRONSIDE, 403-419

STUNKARD, A.

See FINEGAN, R.

See MOORE, M. E.

Sucking behavior, measuring in newborn infants of, 181-191

Sympathetic-adrenal correlates of avoidance and escape behavior in human conditioning studies, by L. A. GRAHAM *et al.* (Abstract), 488-489

TABATA, T., *see* RENPENNING, H.

TAFT, R., *see* MING, S.

TARANTA, A., *see* SACKS, L.

Television viewing, convulsions and, 295

Thematic content associated with two gastrointestinal disorders, by E. G. POSER and S. G. LEE, 162-173

Total exchangeable sodium in depressive illness, by A. COPPEN *et al.* (Abstract), 295

Toward a developmental psychosomatic medicine, by J. B. RICHMOND, 567-573

Transient changes in affect and blood pressure, by C. HARDYCK *et al.* (Abstract), 294

Tuberculosis, personality and, 90

Ulcerative colitis in children, by S. M. FINCH and J. H. HESS (Abstract), 90

Ulcers

- duodenal, in one of identical twins, 285-291
- gastric
- early weaning and, 390
- reserpine and, 296

peptic, unconscious images in genesis of, 91

Unconditional stimulus, intensity of, as factor in awareness, 124-132

Unconscious images in the genesis of peptic ulcer (Les images inconscientes dans la genèse de l'ulcère peptique), by A. GARNA (Abstract), 91

UNGER, H. T., *see* MEYER, E.

Urinary 17-hydroxycorticosteroid levels in parents of children with neoplastic disease, by S. B. FRIEDMAN *et al.*, 364-376

Urinary retention, psychogenic, 543-555

Variations in intelligence in phenylketonuria, by M. W. PARTINGTON (Abstract), 295

VAUGHAN, R. A., *see* CAIN, A. C.

VENABLES, P. H. and WING, J. K. Level of arousal and the subclassification of schizophrenia (Abstract), 195

VENBLER, A. W., *see* HORAN, M.

VERHEY, J. W., *see* ELY, N. E.

Vomiting, psychogenic, of children, 392-393

Vomiting and the wish to have a child, by L. CHERTOV *et al.*, 13-18

WAGGONER, R. W., *see* KEMPH, J. P.

WAHL, C. W. and GOLDEN, J. S. Psychogenic urinary retention, 543-555

WALTERS, R. H., LLEWELLYN, T. E., and ACKER, C. W. Enhancement of punitive behavior by audio-visual displays (Abstract), 91

WEINER, H., and AMASSIAN, V. E. The effect of acute changes in the circulation on electrocortical activity in the cat (Abstract), 492-493

WEINER, S., DORMAN, D., PERSKY, H., STACH, T. W., NORTON, J., and LEVITT, E. E. Effect on anxiety of increasing the plasma hydrocortisone level, 69-77

WELKOWITZ, J. *see* BLAU, A.

WENAR, C. The reliability of developmental histories: Summary and evaluation of evidence, 505-509; (Abstract), 495

WERBOFF, J., *see* CALDWELL, D. F.

WERKMAN, S. L., SHIFMAN, L., and SKELLY, T. Psycho-social correlates of iron deficiency anemia in early childhood (Abstract), 491

WHITMAN, R. M., *see* BALDRIDGE, J.

WIELAND, W. F., STEIN, M., and HAMILTON, C. L. Intensity of the unconditional stimulus as a factor in conditioning out of awareness, 124-132

WING, J. K., *see* VENABLES, P. H.

WINOKUR, G., *see* GUSTAFSON, J. E.

WINTER, W. D., *see* FERREIRA, A. J.

WITTKOWER, E. D., *see* LESTER, E. P.

WOLFF, C. T., MASON, J. W., FRIEDMAN, S. B., and HOFER, M. A. The relationship between ego defenses and the adrenal response to the prolonged threat of loss: A predictive study (Abstract), 497

ZALESKI, W. A., *see* RENPENNING, H.

ZEGANS, L. S., *see* KEMPH, J. P.

Psychosomatic Medicine

JOURNAL OF THE AMERICAN PSYCHOSOMATIC SOCIETY

VOLUME XXV

1963

PUBLISHED BIMONTHLY BY
HOEBER MEDICAL DIVISION OF HARPER & ROW

Copyright 1963 © by the American Psychosomatic Society, Inc.

Psychosomatic Medicine

JOURNAL OF THE AMERICAN PSYCHOSOMATIC SOCIETY

EDITORIAL BOARD

MORTON F. REISER, M.D., *Editor-in-Chief*

FRAZ ALEXANDER, M.D.
CHARLES D. ARING, M.D.
CARL BINGER, M.D.
FRED BROWN, PH.D.
JOHN A. CLAUSEN, PH.D.
JOSE M. R. DELGADO, M.D.
GEORGE L. ENGEL, M.D.
LOUIS A. GOTTSCHALK, M.D.
ROY R. GRINKER, M.D.
DAVID A. HAMBURG, M.D.
DAVID R. HAWKINS, M.D.,
Abstracts Editor
PETER H. KNAPP, M.D.

SAUL R. KOREY, M.D.^{*}
JOHN I. LACEY, PH.D.
THEODORE LIDZ, M.D.
JOHN W. MASON, M.D.
JACK D. MYERS, M.D.
JOHN C. NEMIAH, M.D.,
Book Review Editor
ADRIAN M. OSTFELD, M.D.
GARDNER C. QUARTON, M.D.
JULIUS B. RICHMOND, M.D.
ALVIN P. SHAPIRO, M.D.
MARGARET THALER SINGER, PH.D.
JEREMIAH STAMLER, M.D.
ERIC D. WITTKOWER, M.D.

*Deceased September 27, 1963.

American Psychosomatic Society, Inc.

OFFICERS

CARL BINGER, M.D., *President*
EUGENE MEYER, M.D., *President-Elect*
WILLIAM A. GREENE, M.D., *Secretary-Treasurer*
JOAN K. ERPF, *Executive Assistant*

COUNCIL

EUGENE L. BLISS, M.D.
MORTON D. BOGDONOFF, M.D.
STEPHEN FLECK, M.D.
THOMAS H. HOLMES, M.D.
STANLEY M. KAPLAN, M.D.^{*}
ADRIAN M. OSTFELD, M.D.
HAROLD PERSKY, PH.D.
FRANZ REICHSMAN, M.D.
MORTON F. REISER, M.D.
*JULIUS B. RICHMOND, M.D.
ALVIN P. SHAPIRO, M.D.
HERBERT WEINER, M.D.

**ex-officio member of Council.*

CONTENTS—VOLUME XXV

January-February

In Memoriam: Howard S. Liddell, Ph.D., 1895-1962	JAMES D. BLOCK	1
The Law of Initial Values: Some Further Considerations	DONALD OKEN and HELEN A. HEATH	3
Vomiting and the Wish to Have a Child	L. CHERTOK, M. L. MONDZAIN, and M. BONNAUD	13
The Relationship Between Autonomic Indicators of Psychological Stress: Heart Rate and Skin Conductance	RICHARD S. LAZARUS, JOSEPH C. SPEISMAN, and ARNOLD M. MORDKOFF	19
Omnipotence, Denial, and Psychosomatic Medicine	ROBERT SEIDENBERG	31
Physiological Reactivity to Different Stressors and Methods of Evaluation	ROSCOE A. DYKMAN, PEGGY T. ACKERMAN, CHARLES R. GALBRECHT, and WILLIAM G. REESE	37
Social Environment, Emotionality, and Alloxan Diabetes in the Rat	ROBERT ADER, ALBERT KREUTNER, JR., and HARRY L. JACOBS	60
Effect on Anxiety of Increasing the Plasma Hydrocortisone Level	SAMUEL WEINER, DANIEL DORMAN, HAROLD PERSKY, THOMAS W. STACH, JAMES NORTON, and EUGENE E. LEVITT	69
Technical Contributions: A Simplified Method for Detecting Eye Movements During Dreaming	B. J. BALDRIDGE, R. M. WHITMAN, and M. KRAMER	78
News of the Society		82
Correspondence		83
Abstracts		89
Book Reviews		95

March-April

The Effect of Psychic-sexual Stimulation on Urinary and Serum Acid Phosphatase and Plasma Nonesterified Fatty Acids	JON E. GUSTAFSON, G. WINOKUR, and S. REICHLIN	101
Psychoanalytical Explorations of Emotional Correlates of Cancer of the Breast	RICHARD E. RENNEKER, ROBERT CUTLER, JEROME HORA, CATHERINE BACON, GARNET BRADLEY, JOHN KEARNEY, and MAX CUTLER	106
Intensity of the Unconditional Stimulus as a Factor in Conditioning Out of Awareness	WILLIAM F. WIELAND, MARVIN STEIN, and CHARLES L. HAMILTON	124
Some Psychological Factors in Coronary Heart Disease	SALEK MINC, GAVIN SINCLAIR, and RONALD TAFT	133
Social Interaction and GSR Activity During Group Psychotherapy	HOWARD B. KAPLAN	140
A Physiological and Behavioral Approach to the Study of Group Interaction	P. HERBERT LEIDERMAN and DAVID SHAPIRO	146

The Effect of Hydrocortisone Infusion on Hypnotically Induced Anxiety	
EUGENE E. LEVITT, HAROLD PERSKY, JOHN PAUL BRADY, and JOSEPH A. FITZGERALD	158
Thematic Content Associated with Two Gastrointestinal Disorders	
ERNEST G. POSER and S. GILLMORE LEE	162
Dream Recall as a Function of Method of Awakening	
ARTHUR SHAPIRO, DONALD B. GOODENOUGH, and ROY B. GRYLER	174
Technical Contributions: A Method of Measuring Sucking Behavior of Newborn Infants	
REUBEN E. KRON, MARVIN STEIN, and KATHARINE E. GODDARD	181
Editorial Notes	192
News of the Society	
Program, 1963 Annual Meeting	193
Abstracts	195
Book Reviews	197

May-June

The Psychogenic Etiology of Premature Births: A preliminary report		
ABRAM BLAU, BERTRAM SLAFF, DARR EASTON, JOAN WELKOWITZ, JAMES SPRINGARN, and JACOB COHEN	201	
Chlorpromazine in Chronic Schizophrenic Women: Rate of Onset and Rate of Dissipation of Drug Effects		
MERVIN L. CLARK, THOMAS S. RAY, and ROBERT E. RAGLAND	212	
Plasma Pepsinogen Level in Rat and Man	ROBERT ADER	218
Plasma Pepsinogen Level as a Predictor of Susceptibility to Gastric Erosions in the Rat	ROBERT ADER	221
The Production of Blisters by Hypnotic Suggestion: Another Look		
GORDON L. PAUL	233	
Affective Orientation and Physiological Activity (GSR) in Small Peer Groups		
HOWARD B. KAPLAN, NEIL R. BURCH, SAMUEL W. BLOOM, and ROBERT EDELBURG	245	
An Investigation of Criteria for Brief Psychotherapy of Neurodermatitis		
BERNARD SCHOENBERG and ARTHUR C. CARR	253	
Experimental Studies of Skin Inflammation		
NEAL E. ELY, JOSEPH W. VERHEY, and THOMAS H. HOLMES	264	
Duodenal Ulcer in One of Identical Twins: A follow-up study		
MARTIN L. PILOT, JESSE RUBIN, ROY SCHAFER, and HOWARD M. SPIRO	285	
News of the Society	291	
Correspondence	292	
Abstracts	294	
Book Reviews	298	

July-August

The Effects of "Hypnosis" on Pain: A critical review of experimental and clinical findings	
THEODORE XENOPHON BARBER	303

Physiological Effects During Hypnotically Requested Emotions ESTHER C. DAMASER, RONALD E. SHOR, and MARTIN T. ORNE	334
Body-Image Boundaries and Histamine Flare Reaction WILFRED A. CASSELL and SEYMOUR FISHER	344
Gastric Secretion During a Medical Interview MARVIN C. GOLDMAN	351
Relations between Maternal Anxiety and Obstetric Complications ROBERT L. MC DONALD, MALCOLM D. GYNTHIER, and ARTHUR C. CHRISTAKOS	357
Urinary 17-Hydroxycorticosteroid Levels in Parents of Children with Neoplastic Disease: A study of chronic psychological stress STANFORD B. FRIEDMAN, JOHN W. MASON, and DAVID A. HAMBURG	364
Technical Contributions: The Palmar Sweat Print: A Methodological Study ANTONIO J. FERREIRA and WILLIAM D. WINTER	377
News of the Society	384
Correspondence	385
Abstracts	390
Book Reviews	394

September-October

Studies on the Experimental Evocation of Depressive Responses Using Hypnosis. II. The Influence of Depressive Responses upon the Secretion of Gastric Acid MICHAEL KEHOE and WALLACE IRONSIDE	403
The Role of Olfaction in Sexual Development MICHAEL G. KALOGERAKIS	420
Separation Experiences and Health Records in a Group of Normal Adults JOHN B. IMBODEN, ARTHUR CANTER, and LEIGHTON CLUFF	433
The Emotionally Disturbed Child with a Convulsive Disorder J. P. KEMPH, L. S. ZEGANS, K. A. KOOI, and R. W. WAGGONER	441
Cardiovascular Differentiation of Sensory Stimuli PAUL A. OBRIST	450
The Emotional Field: A sequential study of mood and fantasy in 2 asthmatic patients PETER H. KNAPP and CLAUS BAHNE BAHNSEN	460
News of the Society: 1963 Meeting Minutes	484
New Members	485
Abstracts	488
Book Reviews	499

November-December

Guest Editorial: The Reliability of Developmental Histories: Summary and evaluation of evidence CHARLES WENAR	505
Psychoendocrine Aspects of Acute Schizophrenic Reactions EDWARD J. SACHAR, JOHN W. MASON, HAROLD S. KOLMER, JR., and KENNETH L. ARTISS	510
Renal Conditioning W. J. A. DE MARIA, B. M. SHMAVONIAN, S. I. COHEN, R. P. KRUEGER, D. M. HAWKINS, S. B. BAYLIN, A. P. SANDERS, and G. J. BAYLIN	538

Psychogenic Urinary Retention: Report of 6 cases CHARLES WILLIAM WAHL and JOSHUA S. GOLDEN	543
Technical Contributions: Statistical Treatment of the Law of Initial Values (LIV) in Autonomic Research: A Review and Recommendation LORNA S. BENJAMIN	556
News of the Society	
Toward a Developmental Psychosomatic Medicine JULIUS B. RICHMOND	567
Members of the American Psychosomatic Society	574
Abstracts	582
Book Reviews	585
Index	589

